

The Hawaii Limited-access Longline Logbook Summary Report 1 July to 31 December 2014¹

Fisheries Research and Monitoring Division, Pacific Islands Fisheries Science Center, National Marine Fisheries Service, NOAA Inouye Regional Center, 1845 Wasp Boulevard, Building 176, Honolulu, HI 96818

The following tables represent effort, retained catch (kept) and discard as reported on longline log sheets for the Hawaii limited-access longline fishery. To satisfy confidentiality RFMO reporting standards, data from the California-based longline fishery is also included in this report. Effort and catch statistics are summarized from logbook data submitted to the PIFSC, FRMD and are based on date of longline haul. The statistics originate from an Oracle table LLDS_REPORT_STATS_HICA database extraction done on 3 May 2016. When a statistic (number of vessels, trips) can involve dates of haul in 2 summary periods (i.e. years, semi-annual, quarters) the item is counted in both summary periods. Thus, a trip total is for “partial and completed” trips. As such, these statistics are not additive (i.e. sum of 4 quarters is not the total for the year, etc).

¹PIFSC Data Report DR-16-026.
Issued 25 July 2016.

Table 1. Six-month summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch-and-effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage

Time Period 1 July - 31 December, 2014
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	133
Number of trips (partial or completed)	747
Number of sets	9,646
Number of hooks set	24,213,555

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	2,338	2,303	35	0.10
Striped marlin	7,063	7,020	43	0.29
Shortbill spearfish	4,928	4,870	58	0.20
Swordfish	5,324	4,894	430	0.22
Other billfishes	304	295	9	0.01
Total	19,957	19,382	575	0.82
Shark PMUS				
Blue shark	38,379	0	38,379	1.59
Mako sharks	2,086	309	1,777	0.09
Thresher sharks	1,714	34	1,680	0.07
Oceanic whitetip shark	157	0	157	0.01
Silky shark	6	1	5	0.00
Other Sharks	333	2	331	0.01
Total	42,675	346	42,329	1.76
Tuna PMUS				
Albacore	3,107	3,101	6	0.13
Bigeye tuna	133,541	132,045	1,496	5.52
Yellowfin tuna	5,742	5,666	76	0.24
Bluefin tuna	1	1	0	0.00
Skipjack tuna	9,742	9,607	135	0.40
Other tunas	26	26	0	0.00
Total	152,159	150,446	1,713	6.28
Other PMUS				
Mahimahi	46,972	46,380	592	1.94
Moonfish	16,208	15,981	227	0.67
Wahoo	7,721	7,698	23	0.32
Oilfish	13,907	13,345	562	0.57
Pomfret	31,729	31,366	363	1.31
Total	116,537	114,770	1,767	4.81
Total PMUS	331,328	284,944	46,384	13.68
Total Non-PMUS	1,201	231	970	0.05
Total All Species	332,529	285,175	47,354	13.73

Table 2. Six-month summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch-and-effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage

Time Period 1 July - 31 December, 2014
 Set Types All Sets
 Fishing Area Main Hawaiian Islands EEZ

Number of vessels active	114
Number of trips (partial or completed)	293
Number of sets	2,117
Number of hooks set	5,291,451

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	475	473	2	0.09
Striped marlin	2,056	2,050	6	0.39
Shortbill spearfish	1,074	1,067	7	0.20
Swordfish	382	363	19	0.07
Other billfishes	41	41	0	0.01
Total	4,028	3,994	34	0.76
Shark PMUS				
Blue shark	11,159	0	11,159	2.11
Mako sharks	284	67	217	0.05
Thresher sharks	387	6	381	0.07
Oceanic whitetip shark	90	0	90	0.02
Silky shark	2	0	2	0.00
Other Sharks	73	2	71	0.01
Total	11,995	75	11,920	2.27
Tuna PMUS				
Albacore	296	296	0	0.06
Bigeye tuna	23,745	23,373	372	4.49
Yellowfin tuna	1,475	1,436	39	0.28
Bluefin tuna	0	0	0	0.00
Skipjack tuna	2,243	2,195	48	0.42
Other tunas	1	1	0	0.00
Total	27,760	27,301	459	5.25
Other PMUS				
Mahimahi	5,057	4,969	88	0.96
Moonfish	816	812	4	0.15
Wahoo	1,607	1,599	8	0.30
Oilfish	4,010	3,867	143	0.76
Pomfret	5,349	5,274	75	1.01
Total	16,839	16,521	318	3.18
Total PMUS	60,622	47,891	12,731	11.46
Total Non-PMUS	537	148	389	0.10
Total All Species	61,159	48,039	13,120	11.56

Table 3. Six-month summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch-and-effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage				
Time Period	1 July - 31 December, 2014	Number of vessels active	48	
Set Types	All Sets	Number of trips (partial or completed)	64	
Fishing Area	Northwestern Hawaiian Islands EEZ	Number of sets	631	
		Number of hooks set	1,524,749	

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	168	168	0	0.11
Striped marlin	546	546	0	0.36
Shortbill spearfish	514	511	3	0.34
Swordfish	105	103	2	0.07
Other billfishes	35	35	0	0.02
Total	1,368	1,363	5	0.90
Shark PMUS				
Blue shark	3,298	0	3,298	2.16
Mako sharks	66	9	57	0.04
Thresher sharks	209	11	198	0.14
Oceanic whitetip shark	19	0	19	0.01
Silky shark	1	1	0	0.00
Other Sharks	19	0	19	0.01
Total	3,612	21	3,591	2.37
Tuna PMUS				
Albacore	594	594	0	0.39
Bigeye tuna	8,828	8,769	59	5.79
Yellowfin tuna	846	830	16	0.55
Bluefin tuna	0	0	0	0.00
Skipjack tuna	2,083	2,080	3	1.37
Other tunas	1	1	0	0.00
Total	12,352	12,274	78	8.10
Other PMUS				
Mahimahi	832	829	3	0.55
Moonfish	411	411	0	0.27
Wahoo	682	680	2	0.45
Oilfish	969	961	8	0.64
Pomfret	1,229	1,227	2	0.81
Total	4,123	4,108	15	2.70
Total PMUS	21,455	17,766	3,689	14.07
Total Non-PMUS	16	5	11	0.01
Total All Species	21,471	17,771	3,700	14.08

Table 4. Six-month summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch-and-effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage				
Time Period	1 July - 31 December, 2014	Number of vessels active	3	
Set Types	All Sets	Number of trips (partial or completed)	3	
Fishing Area	Pacific Remote Island Areas (PRIA) EEZ	Number of sets	13	
		Number of hooks set	36,810	

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	37	37	0	1.01
Striped marlin	2	2	0	0.05
Shortbill spearfish	2	2	0	0.05
Swordfish	3	2	1	0.08
Other billfishes	1	1	0	0.03
Total	45	44	1	1.22
Shark PMUS				
Blue shark	24	0	24	0.65
Mako sharks	3	0	3	0.08
Thresher sharks	11	0	11	0.30
Oceanic whitetip shark	13	0	13	0.35
Silky shark	0	0	0	0.00
Other Sharks	44	0	44	1.20
Total	95	0	95	2.58
Tuna PMUS				
Albacore	0	0	0	0.00
Bigeye tuna	51	51	0	1.39
Yellowfin tuna	13	12	1	0.35
Bluefin tuna	0	0	0	0.00
Skipjack tuna	135	128	7	3.67
Other tunas	0	0	0	0.00
Total	199	191	8	5.41
Other PMUS				
Mahimahi	7	7	0	0.19
Moonfish	0	0	0	0.00
Wahoo	10	10	0	0.27
Oilfish	5	5	0	0.14
Pomfret	0	0	0	0.00
Total	22	22	0	0.60
Total PMUS	361	257	104	9.81
Total Non-PMUS	1	1	0	0.03
Total All Species	362	258	104	9.83

Table 5. Six-month summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch-and-effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage			
Time Period	1 July - 31 December, 2014	Number of vessels active	115
Set Types	All Sets	Number of trips (partial or completed)	333
Fishing Area	Hawaiian Islands EEZ + PRIA EEZ	Number of sets	2,761
		Number of hooks set	6,853,010

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	680	678	2	0.10
Striped marlin	2,604	2,598	6	0.38
Shortbill spearfish	1,590	1,580	10	0.23
Swordfish	490	468	22	0.07
Other billfishes	77	77	0	0.01
Total	5,441	5,401	40	0.79
Shark PMUS				
Blue shark	14,481	0	14,481	2.11
Mako sharks	353	76	277	0.05
Thresher sharks	607	17	590	0.09
Oceanic whitetip shark	122	0	122	0.02
Silky shark	3	1	2	0.00
Other Sharks	136	2	134	0.02
Total	15,702	96	15,606	2.29
Tuna PMUS				
Albacore	890	890	0	0.13
Bigeye tuna	32,624	32,193	431	4.76
Yellowfin tuna	2,334	2,278	56	0.34
Bluefin tuna	0	0	0	0.00
Skipjack tuna	4,461	4,403	58	0.65
Other tunas	2	2	0	0.00
Total	40,311	39,766	545	5.88
Other PMUS				
Mahimahi	5,896	5,805	91	0.86
Moonfish	1,227	1,223	4	0.18
Wahoo	2,299	2,289	10	0.34
Oilfish	4,984	4,833	151	0.73
Pomfret	6,578	6,501	77	0.96
Total	20,984	20,651	333	3.06
Total PMUS	82,438	65,914	16,524	12.03
Total Non-PMUS	554	154	400	0.08
Total All Species	82,992	66,068	16,924	12.11

Table 6. Six-month summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch-and-effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage		Number of vessels active		
Time Period	1 July - 31 December, 2014	131		
Set Types	All Sets	Number of trips (partial or completed) 597		
Fishing Area	Outside U.S. EEZ	Number of sets 6,885		
		Number of hooks set 17,360,545		

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1,658	1,625	33	0.10
Striped marlin	4,459	4,422	37	0.26
Shortbill spearfish	3,338	3,290	48	0.19
Swordfish	4,834	4,426	408	0.28
Other billfishes	227	218	9	0.01
Total	14,516	13,981	535	0.84
Shark PMUS				
Blue shark	23,898	0	23,898	1.38
Mako sharks	1,733	233	1,500	0.10
Thresher sharks	1,107	17	1,090	0.06
Oceanic whitetip shark	35	0	35	0.00
Silky shark	3	0	3	0.00
Other Sharks	197	0	197	0.01
Total	26,973	250	26,723	1.55
Tuna PMUS				
Albacore	2,217	2,211	6	0.13
Bigeye tuna	100,917	99,852	1,065	5.81
Yellowfin tuna	3,408	3,388	20	0.20
Bluefin tuna	1	1	0	0.00
Skipjack tuna	5,281	5,204	77	0.30
Other tunas	24	24	0	0.00
Total	111,848	110,680	1,168	6.44
Other PMUS				
Mahimahi	41,076	40,575	501	2.37
Moonfish	14,981	14,758	223	0.86
Wahoo	5,422	5,409	13	0.31
Oilfish	8,923	8,512	411	0.51
Pomfret	25,151	24,865	286	1.45
Total	95,553	94,119	1,434	5.50
Total PMUS	248,890	219,030	29,860	14.34
Total Non-PMUS	647	77	570	0.04
Total All Species	249,537	219,107	30,430	14.37

Table 7. Six-month summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch-and-effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage				
Time Period	1 July - 31 December, 2014	Number of vessels active	12	
Set Types	Shallow sets	Number of trips (partial or completed)	21	
Fishing Area	All Areas	Number of sets	333	
		Number of hooks set	368,534	

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	8	7	1	0.02
Striped marlin	124	116	8	0.34
Shortbill spearfish	26	18	8	0.07
Swordfish	3,178	2,870	308	8.62
Other billfishes	0	0	0	0.00
Total	3,336	3,011	325	9.05
Shark PMUS				
Blue shark	2,898	0	2,898	7.86
Mako sharks	592	59	533	1.61
Thresher sharks	25	1	24	0.07
Oceanic whitetip shark	1	0	1	0.00
Silky shark	0	0	0	0.00
Other Sharks	0	0	0	0.00
Total	3,516	60	3,456	9.54
Tuna PMUS				
Albacore	33	32	1	0.09
Bigeye tuna	54	43	11	0.15
Yellowfin tuna	1	1	0	0.00
Bluefin tuna	1	1	0	0.00
Skipjack tuna	0	0	0	0.00
Other tunas	9	9	0	0.02
Total	98	86	12	0.27
Other PMUS				
Mahimahi	1,063	965	98	2.88
Moonfish	409	293	116	1.11
Wahoo	4	2	2	0.01
Oilfish	531	352	179	1.44
Pomfret	60	18	42	0.16
Total	2,067	1,630	437	5.61
Total PMUS	9,017	4,787	4,230	24.47
Total Non-PMUS	1	1	0	0.00
Total All Species	9,018	4,788	4,230	24.47

Table 8. Six-month summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch-and-effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage		Number of vessels active		131
Time Period	1 July - 31 December, 2014	Number of trips (partial or completed)		726
Set Types	Deep sets	Number of sets		9,313
Fishing Area	All Areas	Number of hooks set		23,845,021

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	2,330	2,296	34	0.10
Striped marlin	6,939	6,904	35	0.29
Shortbill spearfish	4,902	4,852	50	0.21
Swordfish	2,146	2,024	122	0.09
Other billfishes	304	295	9	0.01
Total	16,621	16,371	250	0.70
Shark PMUS				
Blue shark	35,481	0	35,481	1.49
Mako sharks	1,494	250	1,244	0.06
Thresher sharks	1,689	33	1,656	0.07
Oceanic whitetip shark	156	0	156	0.01
Silky shark	6	1	5	0.00
Other Sharks	333	2	331	0.01
Total	39,159	286	38,873	1.64
Tuna PMUS				
Albacore	3,074	3,069	5	0.13
Bigeye tuna	133,487	132,002	1,485	5.60
Yellowfin tuna	5,741	5,665	76	0.24
Bluefin tuna	0	0	0	0.00
Skipjack tuna	9,742	9,607	135	0.41
Other tunas	17	17	0	0.00
Total	152,061	150,360	1,701	6.38
Other PMUS				
Mahimahi	45,909	45,415	494	1.93
Moonfish	15,799	15,688	111	0.66
Wahoo	7,717	7,696	21	0.32
Oilfish	13,376	12,993	383	0.56
Pomfret	31,669	31,348	321	1.33
Total	114,470	113,140	1,330	4.80
Total PMUS	322,311	280,157	42,154	13.52
Total Non-PMUS	1,200	230	970	0.05
Total All Species	323,511	280,387	43,124	13.57